

# Product Datasheet

## Pax2 Antibody (CL9469) NBP3-52485

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-52485**

Pax2 Antibody (CL9469)

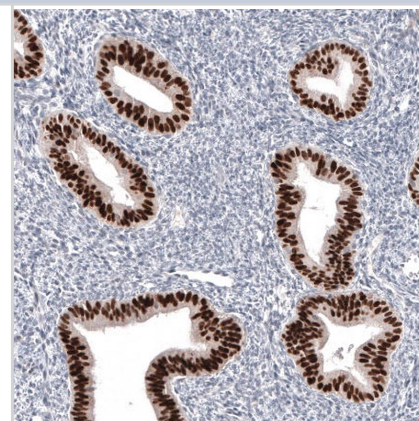
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL9469
Preservative	0.02% Sodium Azide
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	5076
Gene Symbol	PAX2
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from Q02962, with the exact immunogen sequence remaining proprietary.

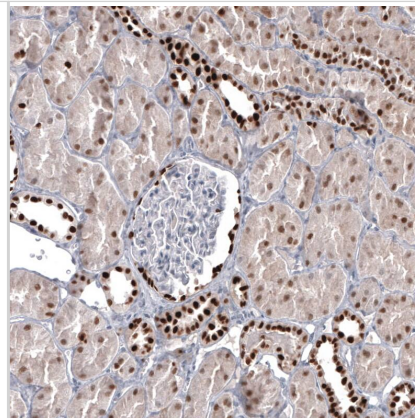
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

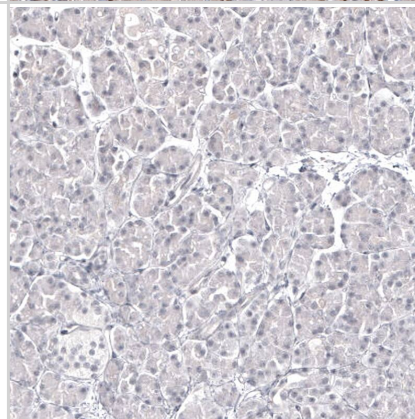
Staining of human endometrium shows strong nuclear positivity in glandular cells.



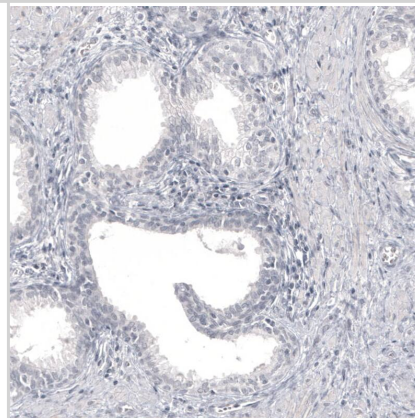
Staining of human kidney shows strong nuclear positivity in cells in distal tubules.



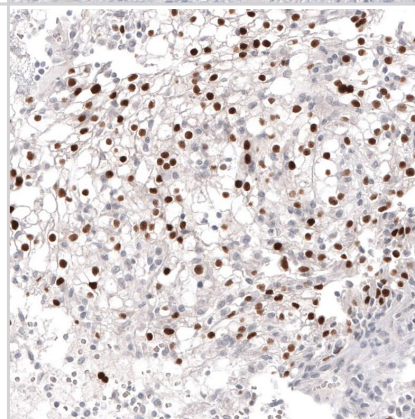
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



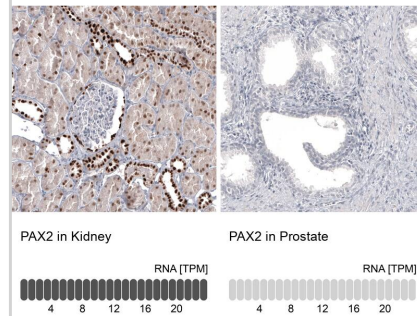
Staining of human prostate shows no positivity in glandular cells as expected.



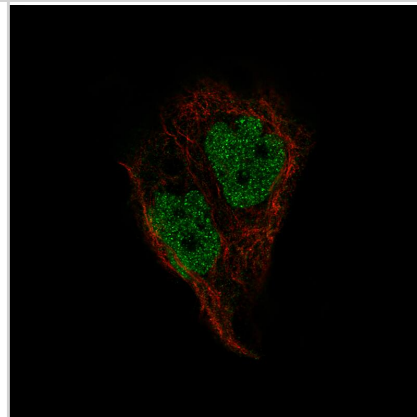
Staining of human renal cancer shows moderate nuclear positivity in tumor cells.



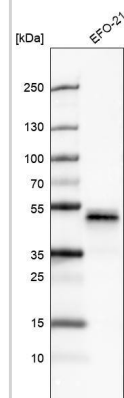
Analysis in human kidney and prostate tissues. Corresponding RNA-seq data are presented for the same tissues.



Staining of EFO-21 cells showing specific staining in the nucleoplasm in green. Microtubule and nuclear probes are visualized in red and blue, respectively (where available).



Analysis in human cell line EFO-21.





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### Products Related to NBP3-52485

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-33496PEP	Pax2 Recombinant Protein Antigen

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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